

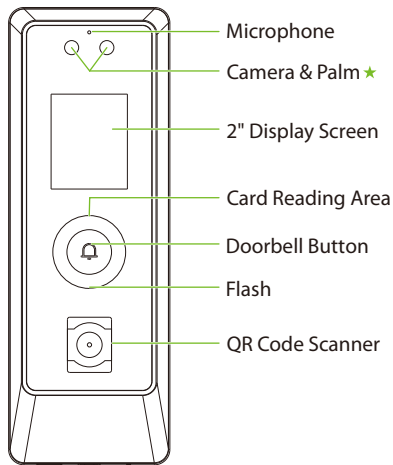
Quick Start Guide

ProMA Series

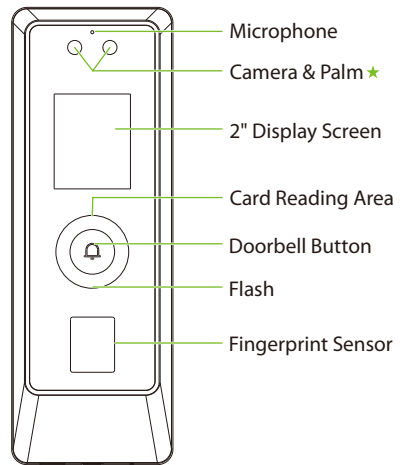
Version: 2.2

1 Product Overview

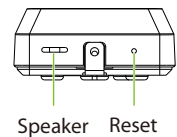
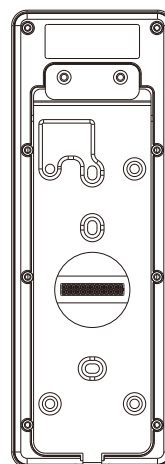
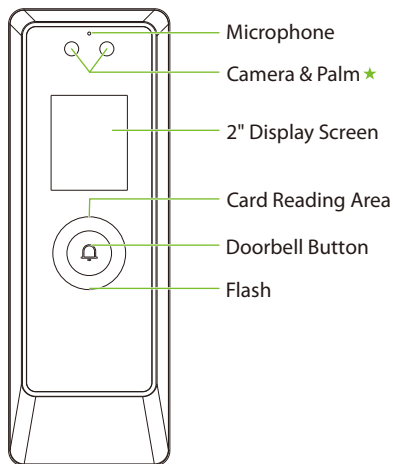
ProMA-QR



ProMA



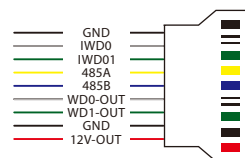
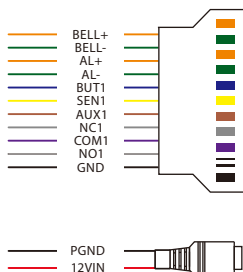
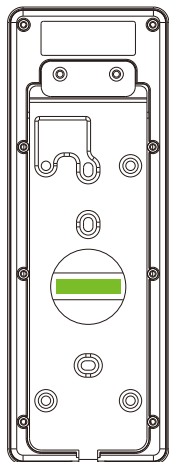
ProMA-RF



Note:

1. ProMA-QR has an additional QR code recognition function than ProMA-RF, ProMA has an additional fingerprint recognition function than ProMA -RF, and the rest are the same.
2. Not all products have the function with★, the real product shall prevail.

2 Terminal Block

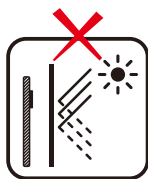


3 Installation Environment

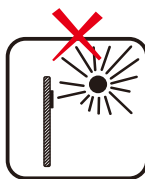
Please refer to the following recommendations for installation.



INSTALL INDOORS
ONLY



AVOID INSTALLATION
NEAR
GLASS WINDOWS



AVOID DIRECT
SUNLIGHT
AND EXPOSURE



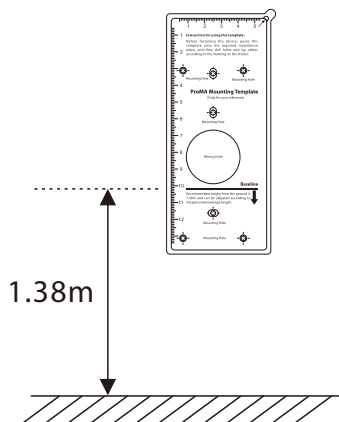
AVOID USE OF ANY
HEAT SOURCE
NEAR THE DEVICE

4 Device Installation

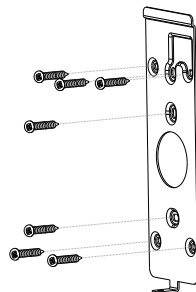
ProMA series installation are the same, the following is an example of ProMA.

- ① Attach the mounting template sticker to the wall, and drill holes according to the mounting paper.
- ② Fix the backplate on the wall using wall mounting screws.
- ③ Attach the device to the backplate.
- ④ Fasten the device to the backplate with a security screw.

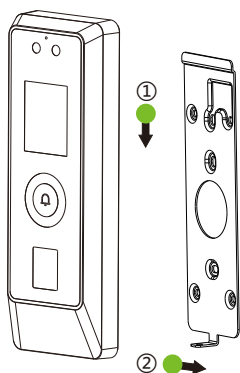
1



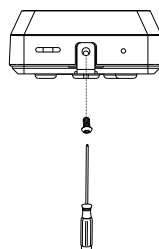
2



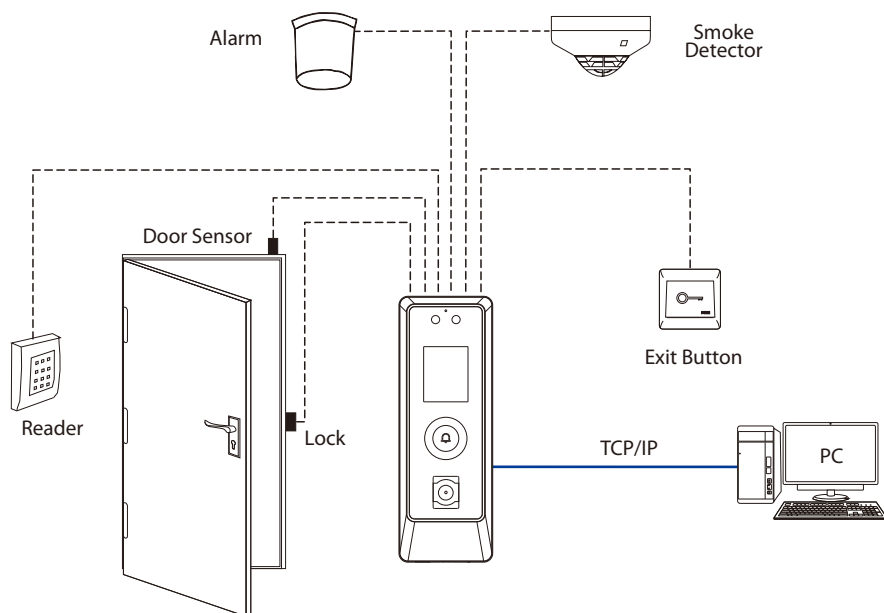
3



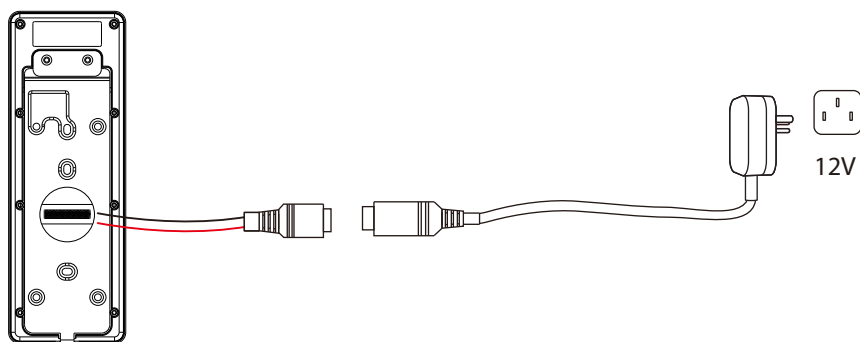
4



5 Standalone Installation



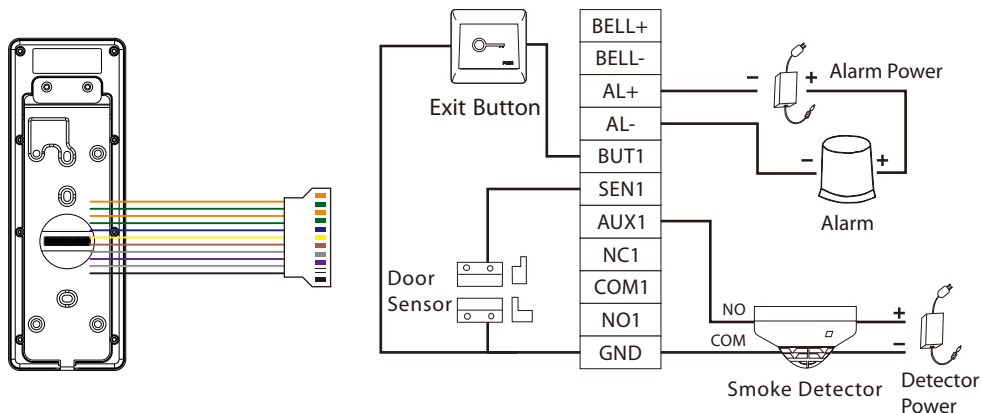
6 Power Connection



Recommended power supply

- Rating of 12V and 3A
- To share the device's power supply with other devices, use a power supply with higher current ratings.

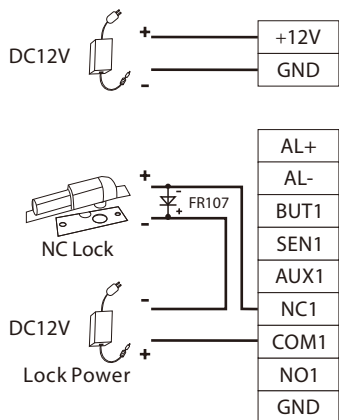
7 Door Sensor, Exit Button, Alarm and Auxiliary Connection



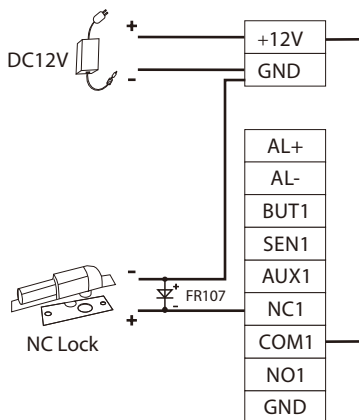
8 Lock Relay Connection

The system supports both **Normally Opened Lock** and **Normally Closed Lock**. The **NO Lock** (normally opened when powered) is connected with 'NO' and 'COM' terminals, and the **NC Lock** (normally closed when powered) is connected with 'NC' and 'COM' terminals. The power can be shared with the lock or can be used separately for the lock, as shown in the example with **NC Lock** below:

1) Device not sharing power with the lock

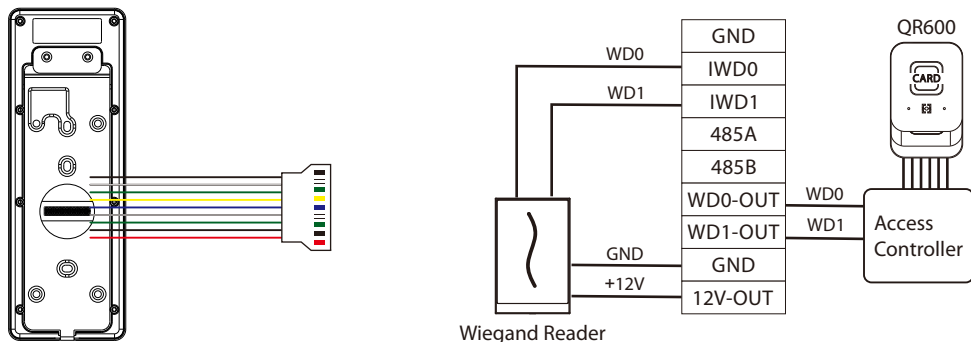


2) Device sharing power with the lock



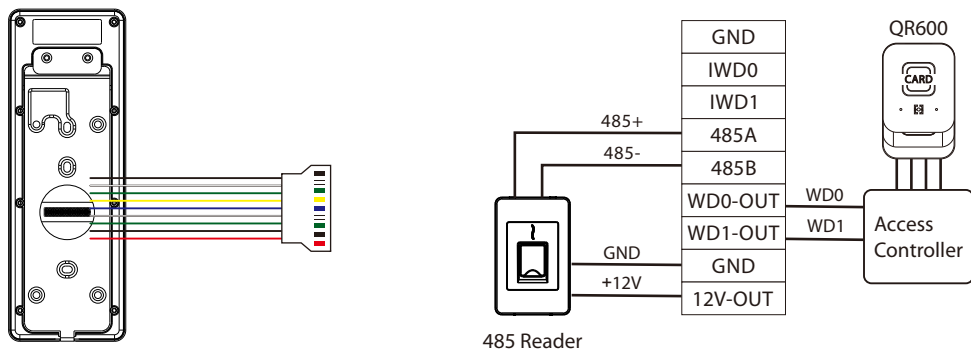
9 Wiegand Connection

Wiegand card reader connects to the top 4 pins of the wiegand terminal and the last two pins are used by the Access Controller, as shown in the following figure. It sends the credentials to the device via wiegand communication.



10 RS485 Connection

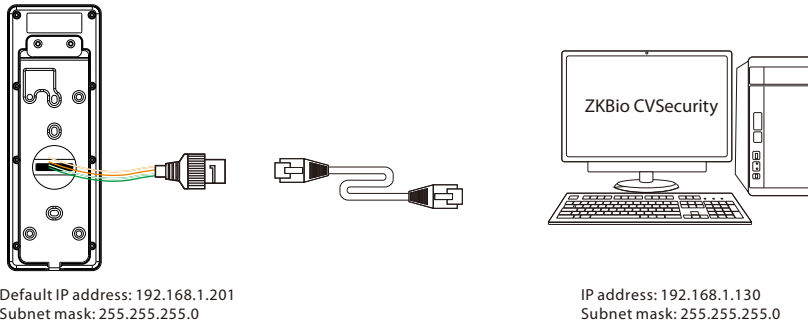
The RS485 lets user connect to multiple readers to the device. RS485 can be connected to the terminal, as shown in the figure below.



Note: The QR600 reader is a feature unique to ProMA-QR. For details, please refer to *QR600 Code Reader Quick Start Guide*.

11 Ethernet Connection

Connect the device and computer software over an Ethernet cable. An example is shown below:

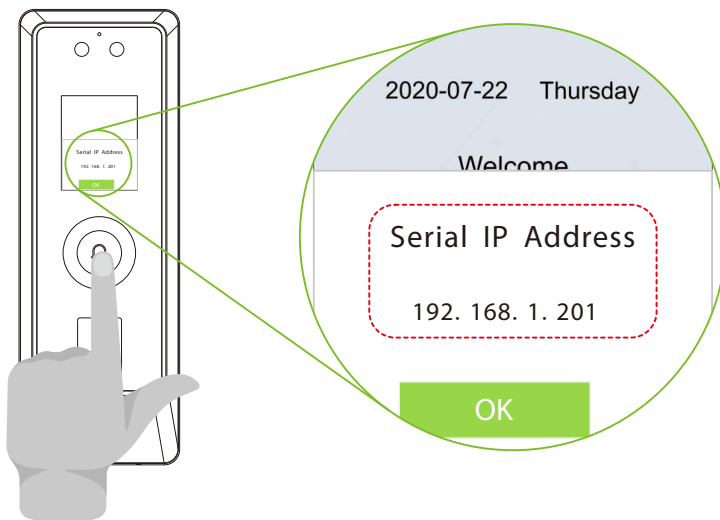


Note: In LAN, IP addresses of the server (PC) and the device must be in the same network segment when connecting to ZKBio CVSecurity software.

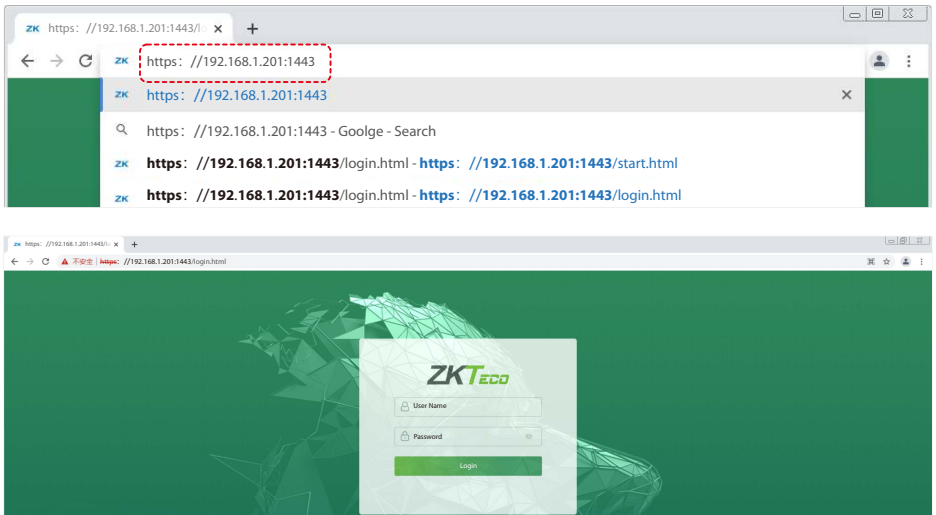
12 Login WebServer

All operations such as device information, communication settings, user management and system settings are operated and set up on WebServer.

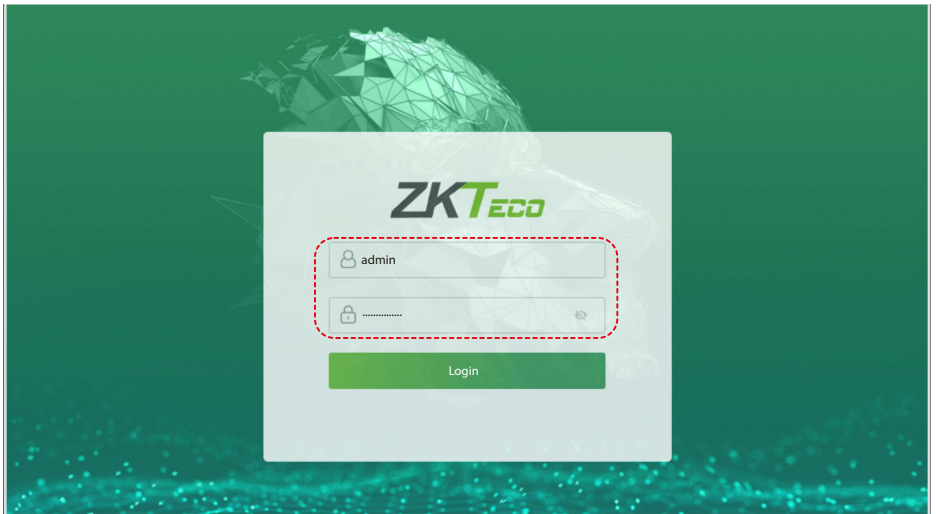
1. Press and hold the Doorbell button of the device until the IP pops up.



2. Open a browser to enter the address to log in the WebServer, the address is the [https:// Serial IP Address:1443](https://Serial IP Address:1443), for example: <https://192.168.1.201:1443>.



3. Enter the account ID and password, the default account ID is: **admin**, password: **admin@123**.



Note:

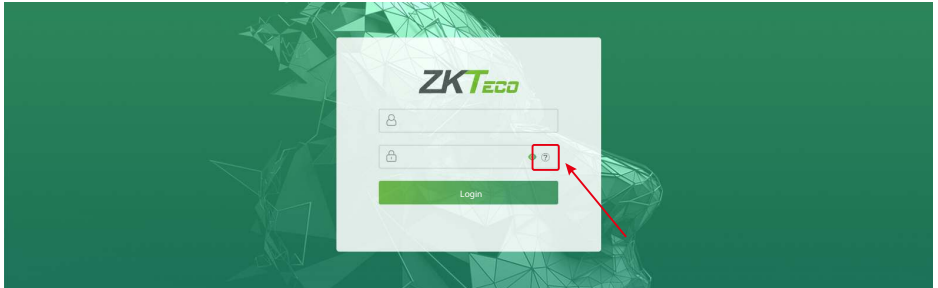
1. After logging in for the first time, users need to reset their original password and log in again before they can use it.
2. In order to retrieve the password easily, please register a super admin first.

13 Forgot Password

Method 1 (When there is a super admin):

If you forgot the password of WebServer, the registered super admin can reset it for you.

1. Click the icon on the login interface.



2. On the pop-up page, enter the relevant information of the super admin user as prompted.

Admin verification

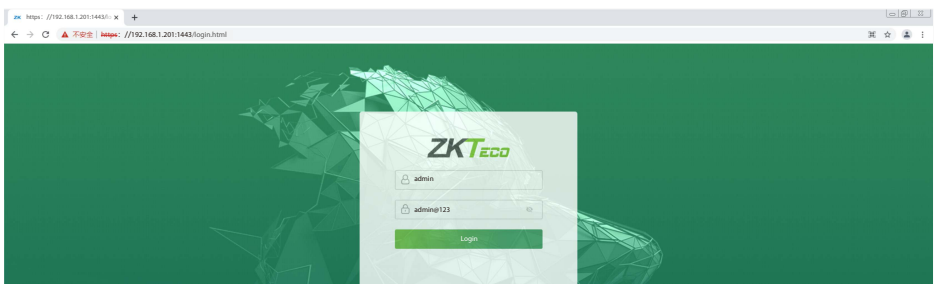
Please input admin user ID.

Enter super admin user id

Password

Enter super admin user possword

3. After a successful reset, enter the default account and password (account: **admin**, password: **admin@123**) on the login interface to log in.



Method 2 (When there is no super admin):

If the network of the device is normal and ZKBio CVSecurity has been connected, you can reset the password by sending the super admin account and password from the server.

1. Click **[Personnel] > [Person] > [New]** on the ZKBio CVSecurity. After registering the information of the super admin, click **Save and New**.

Personnel / Personnel / Person

Department Name Personnel ID Name More

New

Personnel ID* 1

First Name

Gender

Certificate Type

Birthday

Hire Date

Device Verification Password

Biometrics Type

Department* Department Name

Last Name

Mobile Phone

Certificate Number

Email

Position Name

Card Number

Browse Capture

Access Control Time Attendance Elevator Control Plate Register Passage Setting FaceKiosk Personnel Detail

Levels Settings

General

Superuser Yes

Device Operation Role Administrator

Extend Passage

Disabled

Set Valid Time

Add Select All Unselect All

Save and New OK Cancel

2. Click **[Access] > [Device] > [Control] > [Synchronize All Data to Devices]** to synchronize all the data to the device including the new users. After the data synchronization is successful, you can reset the password with the newly registered super admin. The operation steps are the same as method 1.

Method 3

Please contact our after-sales technicians for help in recovering the password, If the device has not registered a super admin and cannot connect to the server.

14 User Registration

Click on **[All Users]** on the WebServer to register a new user. Settings include entering user ID, name, password, card number, face, palm★, fingerprint, setting user role and access control role.

System Info

- Device Info
- Device Capacity
- Firmware Info
- User Mgt.**
- All Users** (Step 1)
- Advanced Settings
- COMM.
- Cloud Service Setup
- Date Setup
- System
- Card Type Settings
- Video Intercom
- SIP Settings
- Serial Comm
- Face
- Autotest

Basic Info

User ID: 2

Name: Jake

Rights: Normal User

Password: ****

Card Number: 1190130

Access Control Role: 1

Register

Confirm (Step 3) Back

Online Registration

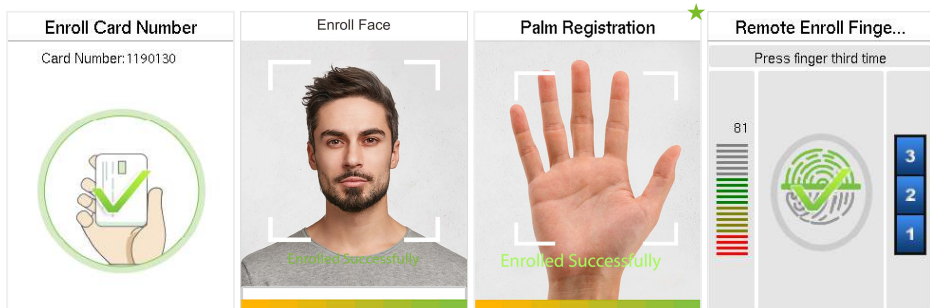
Face: Register

Palm: Register

Fingerprint: Register

Enroll Face, Palm★ and Fingerprint. (Step 4)

Click **[Register]** to complete the registration of face, palm★ and fingerprint.



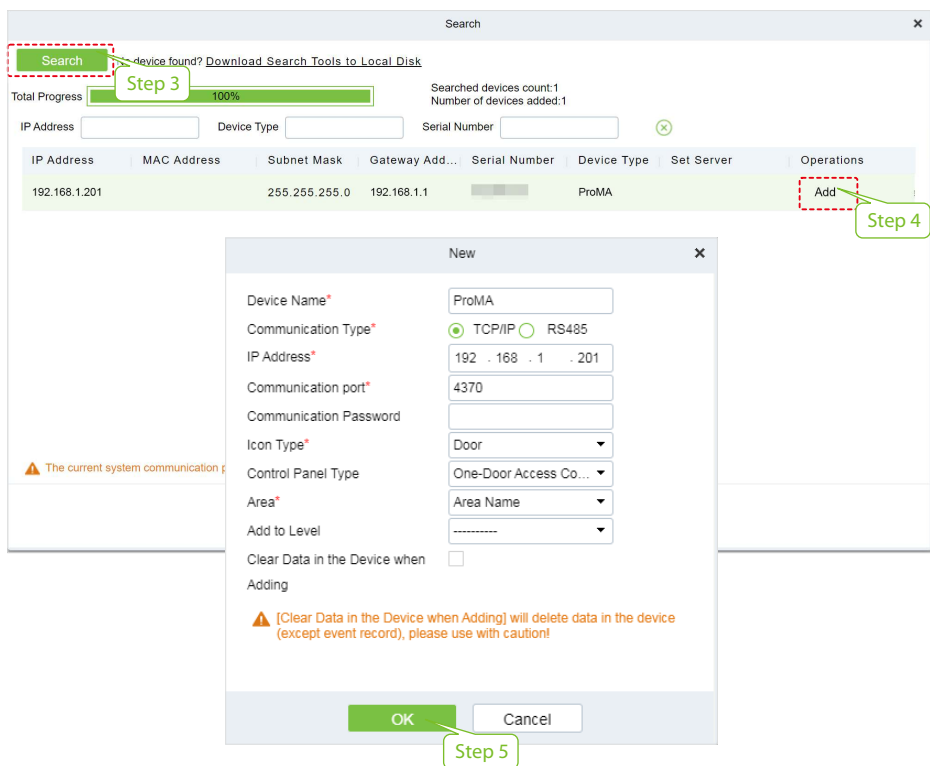
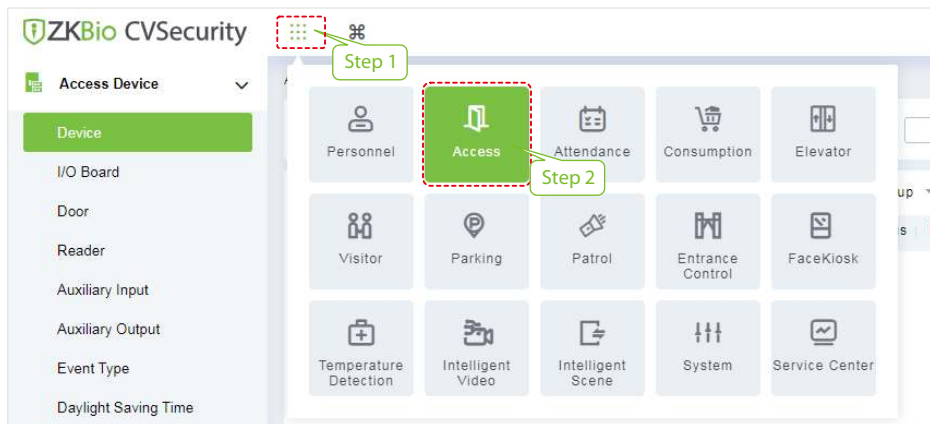
15 Connection to ZKBio CVSecurity Software

1. Set the IP address and cloud service server address in the **[Advanced Settings]** option on the WebServer.

The screenshot shows the 'IP Setup' configuration page. On the left sidebar, under 'Advanced Settings', the 'COMM.' option is highlighted with a red dashed box and labeled 'Step 1'. The main content area is titled 'IP Setup' and contains a red dashed box enclosing the DHCP toggle (set to off), IP Address (192.168.163.99), Subnet Mask (255.255.255.0), Gateway (192.168.163.1), and DNS (114.114.114.114) fields. A green callout bubble labeled 'Step 2' points to these fields with the text 'Enter the IP Info.'. Below the fields is a green 'Confirm' button, which is highlighted with a red dashed box and labeled 'Step 3'.

The screenshot shows the 'Cloud Server Settings' configuration page. On the left sidebar, under 'Advanced Settings', the 'Cloud Service Setup' option is highlighted with a red dashed box and labeled 'Step 4'. The main content area is titled 'Cloud Server Settings' and contains a red dashed box enclosing the 'Enable Domain Name' toggle (set to off), 'Cloud Server Address' (192.168.161.21), 'Cloud Service Port' (8099), 'HTTPS' toggle (set to on), and 'Proxy Server Setup' toggle (set to off). A green callout bubble labeled 'Step 5' points to these fields with the text 'Enter the Server Info.'. Below the fields is a green 'Confirm' button, which is highlighted with a red dashed box and labeled 'Step 6'.

- Click **[Access]** > **[Access Device]** > **[Device]** > **[Search Device]** to search the device on the software. When an appropriate server address and port is set on the device, the searched devices are displayed automatically.



For more details, please refer to the *ZKBio CVSecurity V6600 User Manual*.

16 System Settings

Click on **[System]** on the WebServer to set the volume, language, communication protocol and device type, select whether to enable/disable alphanumeric user ID, display IP when booting, user ID masking, display verification name and display verification mode.

Note: Device type to set the device as an access control terminal or attendance terminal. After changing the device type, the device will delete all the data and restart, and some functions will be adjusted accordingly.

System Info

- Device Info
- Device Capacity
- Firmware Info
- User Mgt.**
- All Users
- Advanced Settings**
- COMM.
- Cloud Service Setup
- Date Setup
- System**
- Card Type Settings

System

Volume: 70

Language: English

Communication Protocol: PUSH Protocol

Device Type: A&C PUSH

Alphanumeric User ID: ☐

Display IP when booting: ☐

User ID Masking: ☒

Display Verification Name: ☒

Display Verification Mode: ☒

Confirm

Step 1, Step 2, Step 3

17 Card Management

Click on **[Card Type Settings]** on the WebServer to select the corresponding card type according to your needs.

Card Type Settings

125kHz

☒ EM4102

☒ HID PROX

13.56MHz

☒ FELICA

☒ HID ICLASS

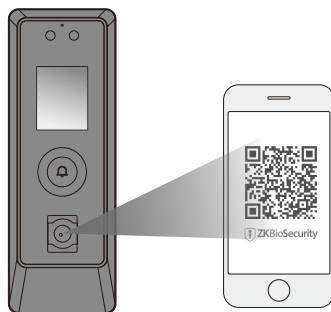
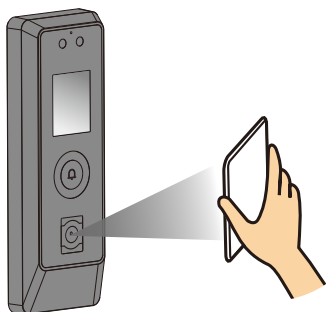
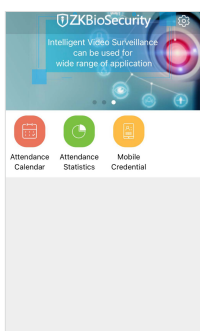
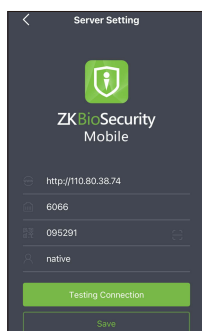
☒ MIFARE

☒ NFC P2P

Confirm

18 QR Verification★

1. In **[System] > [Basic Management] > [Parameters]** of ZKBio CVSecurity software, set **Enable QR Code** to “Yes”, and select the QR code status according to the actual situation.
2. On the Server, choose **[System] > [Authority Management] > [Client Register]** to add a registered App client.
3. Open the App, enter the IP address or domain name of the server, and its port number, scan the QR Code of the new App client. After the connection is successful, tap on Employee to switch to Employee Login screen. Enter the Employee ID and Password (Default: 123456) to login.
4. Tap **[Mobile Credential]** on the App and a QR code will appear, parallel the phone screen to the device QR code scanner. For details, please refer to *ProMA Series User Manual*.



Note:

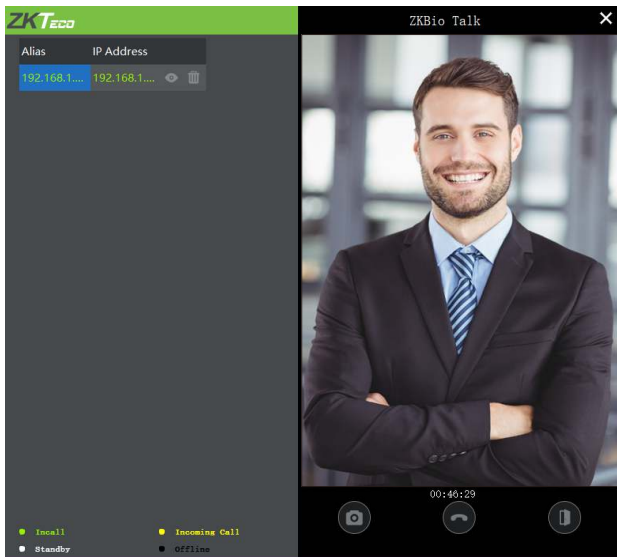
1. Place your phone within the range of **15 to 50 (cm)** from the device (distance depends on the size of the phone screen), and do not block the device QR code scanner and QR code in the phone screen.
2. This feature is only available for ProMA-QR.
3. The ProMA-QR supports Chilean and Argentinean ID PDF417 codes.

19 Connecting to Video Intercom ★

● ZKBio Talk

1. After setting the LAN function parameters, download and install the ZKBioTalk software on the PC.
2. Set the server address and server port in the **[Video Intercom]** option on the WebServer.

When the device-side video intercom parameters are set correctly, the device automatically pushes the device list on the left, as shown in following figure.

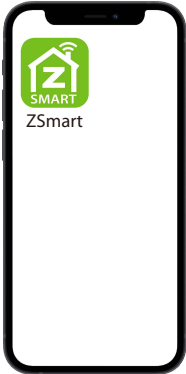


For details, please refer to *ProMA Series User Manual*.

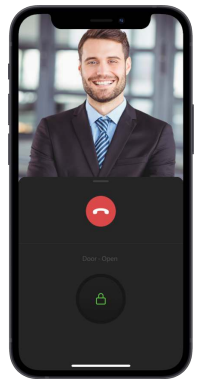
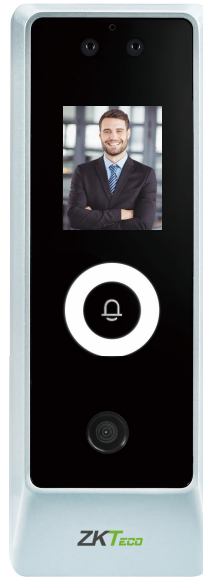
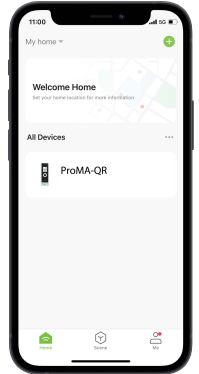
● ZSmart

1. Download and install the ZSmart App on the phone.
2. Use the ZSmart to scan the QR code in the **[Video Intercom]** on the WebServer.

1



2



20 SIP Settings★

This function needs to be used with the indoor station Vpad A2.

● Local Area Network Use

- 1. Set the IP address on the indoor station.

←

Network

✓

Accounts	1. Connection Mode	Static IP
Network	2. IP Address	192.168.163.199
Security	3. Mask	255.255.255.0
Maintenance	4. Gateway	192.168.163.1
Device	5. Primary DNS	114.114.114.114
	6. Secondary DNS	8.8.8.8

- 2. Configure SIP parameters for ProMA on the Webserver.

1

WebServer

SIP Settings

Download Configuration

2

Excel

IP Address	Subnet Mask	Gateway	Dialing Number
192.168.163.199	255.255.255.0	192.168.163.1	101
192.168.163.102	255.255.255.0	192.168.163.1	102
192.168.163.103	255.255.255.0	192.168.163.1	103
192.168.163.104	255.255.255.0	192.168.163.1	104

3

WebServer

SIP Settings

Upload Configuration Data

4

WebServer

SIP Settings

Calling Shortcut Settings

☒ 192.168.163.199

☐ 192.168.163.102

☐ 192.168.163.103



Note: In LAN, the IP addresses of the indoor station and the ProMA must be in the same network segment.

● SIP Server

On WebServer, enable SIP Server, and enter the server parameters for the indoor station Vpad A2.

WebServer

SIP Settings

▶ **SIP Server**

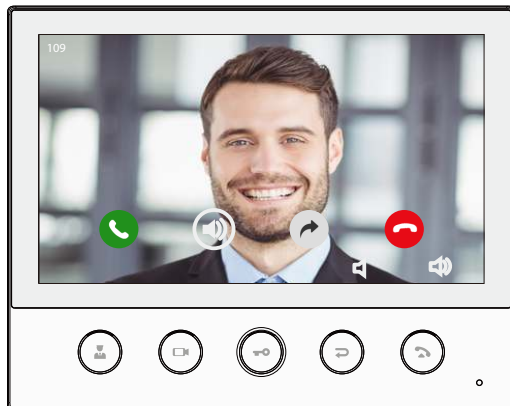
Server Address: 20.205.119.174

Server Port: 5060

User Name: 109

Password: *****

Realm: 3CXPhoneSystem



21 Onvif Settings

This function needs to be used with the network video recorder (NVR).

After network video recorder (NVR) is configured with ZKBio CVSecurity, set ProMA to the same network segment as the NVR. In the device list, click **[Search]** > **[Start Search]** on the ZKBio CVSecurity, the NVR automatically search to the same LAN device through the network cable, add it.

WebServer

ONVIF Settings ▶ **Enable Authentication**

User Name: *****

Password: *****

Server Port: 8000

Step 1

ZKBio CVSecurity

Step 2

Device

Step 4

Video Management

Step 3

Video Management / Device Management / Device

Device

Name: [Search] [Add]

Refresh New Delete Search Sync Camera More

Name	Device Type	Status	Subscription Status
ProMA	ProMA	Online	✓
125	0	Online	✓

Step 5

ZKTeco Biometrics India Pvt Ltd.

B-1, Khata No. 31, Devasandra Industrial Estate, Whitefield Main Road,
Beside Phoenix mall, Mahadevapura, Bengaluru-560048, Karnataka, India.

Phone : 080 6828 1342

Mail : sales@zkteco.in

Website : www.zkteco.in

